

Title (en)

TREATED PIGMENT, USE THEREOF, AND COMPOUND FOR PIGMENT TREATMENT

Title (de)

BEHANDELTES PIGMENT, DESSEN VERWENDUNG SOWIE VERBINDUNG ZUR PIGMENTBEHANDLUNG

Title (fr)

PIGMENT TRAITE, SON UTILISATION, ET COMPOSE DESTINE AU TRAITEMENT DE PIGMENTS

Publication

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Application

EP 03733572 A 20030625

Priority

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Abstract (en)

[origin: EP1535971A1] The present invention provides a treated pigment and a dispersion composition thereof having preferable dispersion stability and fluidity in a dispersion medium even the pigment has no functional group reactive with a carbodiimide group on the surface thereof, and further to provide a resist composition exerting very excellent developing characteristics when forming color filters, black matrices and the like patterns. Furthermore, the invention also provides a compound for pigment treatment suited for the treatment of such pigment. <??>The present invention relates to a treated pigment which is producible by the treatment with a carbodiimide-based compound having at least one side chain selected from the group consisting of polyester side chains, polyether side chains and polyacrylic side chains and at least one basic nitrogen-containing group within the molecule.

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Citation (search report)

- [X] US 4049610 A 19770920 - BUNGE WILHELM, et al
- See references of WO 2004000950A1

Citation (examination)

- WO 9906459 A1 19990211 - BASF AG [DE], et al
- EP 0490150 A2 19920617 - BAYER AG [DE]

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DOCDB simple family (application)

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